

Project Title	Funding	Strategic Plan Objective	Institution
A model for inclusion of minorities in genetic research - Lajonchere	\$54,628	Q3.5	University of Southern California
Center for genomic and phenomic studies in autism	\$1,579,282	Q3.8	University of Southern California
Robotics and speech processing technology for the facilitation of social communication training in children with autism	\$100,000	Q4.4	University of Southern California
Magnetic source imaging and sensory behavioral characterization in autism	\$166,302	Q2.Other	University of California, San Francisco
Roles of Wnt signaling/scaffolding molecules in autism	\$28,000	Q2.Other	University of California, San Francisco
Role of micro-RNAs in ASD affected circuit formation and function	\$150,000	Q3.8	University of California, San Francisco
Role of Wnt signaling through Dishevelled, Dact and p120catenin in forebrain development, synaptic physiology, and mouse behavior: Exploration of a pathway with many components linked to autism spectrum disorders	\$210,122	Q4.5	University of California, San Francisco
Analysis of FGF17 roles and regulation in mammalian forebrain development	\$51,886	Q4.5	University of California, San Francisco
Safety and efficacy of complementary and alternative medicine for autism spectrum disorders	\$100,000	Q4.6	University of California, San Francisco
MRI studies of early brain development in autism	\$362,075	Q1.3	University of California, San Diego
Integrated Biostatistical and Bioinformatic Analysis Core (IBBAC)	\$194,512	Q1.3	University of California, San Diego
Clinical phenotype: Recruitment and assesment core	\$415,472	Q1.Other	University of California, San Diego
Evaluation of diagostic and services practices in autism	\$167,723	Q1.Other	University of California, San Diego
Development of face processing expertise in children	\$238,263	Q1.Other	University of California, San Diego
Genetics of autistic disorder	\$916	Q2.2	University of California, San Diego
Collaborative neuropathology workgroup: A comprehensive multilevel analysis of frontal lobe microstructure in autism	\$166,000	Q2.5	University of California, San Diego
Stereological analyses of neuron numbers in frontal cortex from age 3 years to adulthood in autism	\$150,000	Q2.5	University of California, San Diego
Attentional abnormalities in autism: An electrophysiological study of the basal forebrain and central nucleus of the amygdala	\$60,000	Q2.Other	University of California, San Diego
Neuroligins and neurexins as autism candidate genes: Study of their association in synaptic connectivity	\$60,000	Q2.Other	University of California, San Diego
fMRI studies of neural dysfunction in autistic toddlers	\$604,727	Q2.Other	University of California, San Diego
Development of neural pathways in infants at risk for autism spectrum disorders	\$328,313	Q2.Other	University of California, San Diego
The role of the autism-associated gene Tuberous Sclerosis Complex 2 (TSC2) in presynaptic development	\$55,000	Q2.Other	University of California, San Diego
Studying the biology and behavior of autism at 1-year: The well-baby check-up appointment	\$237,015	Q2.Other	University of California, San Diego

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Imaging the autistic brain before it knows it has autism	\$222,866	Q2.Other	University of California, San Diego
Biomedical informatics research network: National Database for Autism Research	\$160,000	Q2.Other	University of California, San Diego
Demonstration of the novel RASL/DASL method for analysis of gene expression in frontal cortex in autism and control cases	\$62,103	Q3.8	University of California, San Diego
Neurexins and autism	\$9,756	Q3.8	University of California, San Diego
Patient-oriented research in recessive pediatric brain diseases	\$172,234	Q3.8	University of California, San Diego
Imaging autism biomarkers + risk genes	\$198,473	Q3.Other	University of California, San Diego
Targeting genetic pathways for brain overgrowth in autism spectrum disorders	\$289,513	Q3.Other	University of California, San Diego
Translation of evidenced based treatment to classrooms	\$30,000	Q4.4	University of California, San Diego
Clinical phenotype: Treatment response core	\$199,980	Q4.Other	University of California, San Diego
Translating autism intervention for mental health services via knowledge exchange	\$165,745	Q5.Other	University of California, San Diego
Administrative core - 1	\$34,123	Other	University of California, San Diego
Microglia as biosensors and effectors of neurodysfunction	\$105,716	Q3.Other	University of California, Riverside
Neocortical regionalization: Analysis of genetic and epigenetic influences	\$75,000	Q4.5	University of California, Riverside
Pilot project to assess web-based family recruitment for autism genetics studies	\$998,654	Q1.Other	University of California, Los Angeles; Washington University in St. Louis; Kennedy Krieger Institute
The development of the siblings of children with autism: A longitudinal study	\$353,056	Q1.Other	University of California, Los Angeles
The diagnostic and assessment core	\$300,158	Q1.Other	University of California, Los Angeles
Neural basis of socially driven attention in children with autism	\$28,000	Q2.5	University of California, Los Angeles
The imaging core	\$318,616	Q2.Other	University of California, Los Angeles
A combined fMRI-TMS study on the role of the mirror neuron system in social cognition: Moving beyond correlational evidence	\$150,000	Q2.Other	University of California, Los Angeles
Mirror neuron and reward circuitry in autism	\$315,592	Q2.Other	University of California, Los Angeles
Genetics of language & social communication: Connecting genes to brain & cognition	\$326,310	Q2.Other	University of California, Los Angeles
Molecular and environmental influences on autism pathophysiology	\$150,000	Q3.1	University of California, Los Angeles
A comprehensive approach to identification of autism susceptibility genes	\$3,031,776	Q3.4	University of California, Los Angeles

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Interactions of environment and molecular pathways on brain overgrowth in autism: Maternal inflammation and the PI3/AKT pathway	\$211,200	Q3.6	University of California, Los Angeles
A system biology approach to autism genetics	\$75,624	Q3.8	University of California, Los Angeles
Simons Simplex Collection Site - 6	\$393,989	Q3.8	University of California, Los Angeles
Neurogenomics in a model for procedural learning	\$30,774	Q3.8	University of California, Los Angeles
Cerebral asymmetry and language in autism	\$2,576	Q3.Other	University of California, Los Angeles
Neuroimaging of autism spectrum disorders	\$2,576	Q3.Other	University of California, Los Angeles
Language and social communication in autism - 2	\$5,153	Q3.Other	University of California, Los Angeles
Language and social communication in autism - 1	\$2,576	Q3.Other	University of California, Los Angeles
Neuroimaging & symptom domains in autism	\$5,153	Q3.Other	University of California, Los Angeles
Autism in adolescents	\$2,576	Q3.Other	University of California, Los Angeles
Promoting communication skills in toddlers at risk for autism	\$300,000	Q4.3	University of California, Los Angeles
Developmental and augmented intervention for facilitating expressive language	\$600,000	Q4.3	University of California, Los Angeles
Optimizing social and communication outcomes for toddlers with autism	\$290,094	Q4.3	University of California, Los Angeles
Transporting evidence-based practices from the academy to the community: School-based CBT for children with ASD	\$60,000	Q4.4	University of California, Los Angeles
Joint attention intervention for caregivers and their children with autism	\$51,000	Q4.4	University of California, Los Angeles
Joint attention intervention for nonverbal children with ASD	\$60,000	Q4.4	University of California, Los Angeles
Understanding repetitive behavior in autism	\$327,738	Q4.8	University of California, Los Angeles
Autism Intervention Research network on Behavioral health (AIR-B network)	\$2,000,000	Q4.Other	University of California, Los Angeles
Mitochondria and autism	\$690,460	Q1.3	University of California, Irvine; University of California, San Diego
Technology support for interactive and collaborative visual schedules	\$42,000	Q4.Other	University of California, Irvine
Visual processing and later cognitive effects in infants with fragile X syndrome	\$249,958	Q1.Other	University of California, Davis
Project 2: Immunological susceptibility of autism	\$136,641	Q2.2	University of California, Davis
Is autism a mitochondrial disease?	\$60,000	Q2.2	University of California, Davis
Primate models of autism	\$727,322	Q2.2	University of California, Davis
The role of the amygdala in autism	\$149,268	Q2.Other	University of California, Davis
Cognitive control in autism	\$144,251	Q2.Other	University of California, Davis

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Core B: Outreach and translation	\$85,017	Q2.Other	University of California, Davis
Genetics and physiology of social anxiety in fragile X	\$157,300	Q2.Other	University of California, Davis
Immune molecules and cortical synaptogenesis: Possible implications for the pathogenesis of autism	\$150,000	Q2.Other	University of California, Davis
Vitamin D status and autism spectrum disorder: Is there an association?	\$80,000	Q3.1	University of California, Davis
A non-human primate autism model based on maternal immune activation	\$81,333	Q3.1	University of California, Davis
Core C: Analytical core	\$97,604	Q3.3	University of California, Davis
The Charge Study: Childhood autism risks from genetics and the environment	\$1,014,318	Q3.4	University of California, Davis
The Charge Study: Childhood autism risks from genetics and the environment - Supplemental	\$100,000	Q3.4	University of California, Davis
Immunobiology in autism	\$32,000	Q3.6	University of California, Davis
Project 1: Environmental epidemiology of autism	\$181,428	Q3.6	University of California, Davis
Etiology of autism risk involving MET gene and the environment	\$220,000	Q3.8	University of California, Davis
Genotype-phenotype relationships in fragile X families	\$533,062	Q3.8	University of California, Davis
The role of MECP2 in Rett syndrome - Supplement	\$47,769	Q3.8	University of California, Davis
Epigenetic etiologies of autism spectrum disorders	\$344,947	Q3.8	University of California, Davis
The role of MECP2 in Rett syndrome	\$251,626	Q3.8	University of California, Davis
Hindbrain dysgenesis in Rett syndrome and other autism spectrum disorders	\$24,823	Q3.8	University of California, Davis
Core E: Statistical analysis core	\$15,624	Q3.Other	University of California, Davis
Anatomy of primate amygdaloid complex	\$81,333	Q3.Other	University of California, Davis
Core D: Molecular genomics core	\$57,849	Q3.Other	University of California, Davis
Epigenetic interaction of MECP2 and organic pollutants in neurodevelopment	\$424,863	Q3.Other	University of California, Davis
Project 3: Neurodevelopmental toxicology of autism	\$136,640	Q3.Other	University of California, Davis
A multi-site randomized study of intensive treatment for toddlers with autism	\$2,971,125	Q4.3	University of California, Davis
Intervention for infants at risk for autism	\$150,000	Q4.3	University of California, Davis
Analysis of 15q11-13 GABA-A receptor defects in autism	\$30,772	Q4.5	University of California, Davis
Double-blind placebo controlled trial of subcutaneous methyl B12 on behavioral and metabolic measures in children with autism	\$150,000	Q4.8	University of California, Davis
Pharmacogenomics in autism treatment	\$171,000	Q4.Other	University of California, Davis
Interdisciplinary training for autism researchers (RMI)	\$213,613	Other	University of California, Davis

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International Meeting for Autism Research (IMFAR) - NICHD	\$48,550	Other	University of California, Davis
Oxytocin biology and the social deficits of autism spectrum disorders	\$112,500	Q1.3	Stanford University
Using induced pluripotent stem cells to identify cellular phenotypes of autism	\$800,000	Q1.5	Stanford University
Maternal inflammation alters fetal brain development via Tumor Necrosis Factor-alpha	\$49,646	Q2.2	Stanford University
Investigation of cortical folding complexity in children with autism, their autism-discordant siblings, and controls	\$100,000	Q2.5	Stanford University
Structural brain differences between autistic and typically-developing siblings	\$2,802	Q2.Other	Stanford University
Maternal infection and autism: Impact of placental sufficiency and maternal inflammatory responses on fetal brain development	\$130,000	Q2.Other	Stanford University
Cortical complexity in children with autism unaffected siblings and controls	\$79,000	Q2.Other	Stanford University
L-type Ca2+ channel regulation of dendritic arborization	\$32,845	Q2.Other	Stanford University
A California population-based twin study of autism	\$516,910	Q3.8	Stanford University
Role of L-type calcium channels in hippocampal neuronal network activity	\$34,686	Q4.5	Stanford University
Function and dysfunction of neuroligins	\$498,665	Q4.5	Stanford University
Probing a monogenic form of autism from molecules to behavior	\$187,500	Q4.5	Stanford University
Integrated play groups: Promoting social communication and symbolic play with peers across settings in children with autism	\$150,000	Q4.4	San Francisco State University
Social and affective components of communication	\$316,589	Q2.Other	Salk Institute For Biological Studies
Testing the effects of cortical disconnection in non-human primates	\$150,000	Q4.5	Salk Institute for Biological Studies
Translating pivotal response training into classroom environments	\$473,411	Q4.Other	Rady Children's Hospital Health Center
Epstein-Barr virus research	\$30,000	Q2.Other	Pediatric Gastrointestinal Association
Centers for autism and developmental disabilities research and epidemiology - 1	\$908,540	Q3.1	Kaiser Foundation Research Institute
Early biologic markers for autism	\$60,000	Q3.Other	Kaiser Foundation Research Institute
A model for inclusion of minorities in genetic research - Martinez	\$30,000	Q3.5	Fiesta Educativa, Inc.
Genetic and epigenetic interactions in a mouse model for autism	\$60,000	Q3.Other	David Geffen School of Medicine at University of California, Los Angeles

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Evaluation of behavior problems in children with ASD	\$30,025	Q1.Other	Center for Autism and Related Disorders
Psychometric evaluation of the autism symptom diagnostic scale	\$8,975	Q1.Other	Center for Autism and Related Disorders
Psychometric evaluation of the behavior problems inventory in ASD	\$25,032	Q1.Other	Center for Autism and Related Disorders
Psychometric evaluation of the QABF in children with ASD	\$11,069	Q1.Other	Center for Autism and Related Disorders
Description and assessment of sensory abnormalities in ASD	\$18,968	Q2.Other	Center for Autism and Related Disorders
Evaluation of sleep disturbance in children with ASD	\$27,456	Q2.Other	Center for Autism and Related Disorders
Presence of clostridia in children with and without ASD	\$12,054	Q2.Other	Center for Autism and Related Disorders
Double blind placebo controlled evaluation of fluconazole	\$15,134	Q4.6	Center for Autism and Related Disorders
Double blind placebo controlled trial of hyperbaric oxygen	\$60,021	Q4.6	Center for Autism and Related Disorders
Comparison of high to low intensity behavioral intervention	\$121,029	Q4.7	Center for Autism and Related Disorders
Preventing autism via very early detection and intervention	\$14,256	Q4.9	Center for Autism and Related Disorders
Long-term follow-up of children with autism who recovered	\$33,965	Q4.Other	Center for Autism and Related Disorders
Age and treatment intensity in behavioral intervention	\$34,879	Q4.Other	Center for Autism and Related Disorders
Parent mediated behavioral treatment of food selectivity	\$30,966	Q4.Other	Center for Autism and Related Disorders
Establishing liquid medication administration compliance	\$27,985	Q4.Other	Center for Autism and Related Disorders
Teaching theory of mind skills to children with ASD	\$24,025	Q4.Other	Center for Autism and Related Disorders
Identifying factors that predict response to intervention	\$21,965	Q4.Other	Center for Autism and Related Disorders
Teaching children to identify causes of others' emotions	\$20,687	Q4.Other	Center for Autism and Related Disorders
Teaching children to comprehend rules containing "if/then"	\$38,994	Q4.Other	Center for Autism and Related Disorders
Chart review of 38 cases of recovery from autism	\$35,117	Q4.Other	Center for Autism and Related Disorders
Teaching children to identify others' preferences	\$22,058	Q4.Other	Center for Autism and Related Disorders
Evaluation of E-learning for training behavioral therapists	\$74,835	Q5.4	Center for Autism and Related Disorders
Evaluation of web-based curriculum assessment and program design	\$51,003	Q5.4	Center for Autism and Related Disorders
Towards an endophenotype for amygdala dysfunction	\$414,395	Q2.Other	California Institute of Technology
Testing neurological models of autism	\$315,526	Q2.Other	California Institute of Technology
Neuronal populations related to deficits in social emotions and cognition in autism: A neurobiological and genomics approach	\$62,500	Q3.8	California Institute of Technology

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A non-human primate autism model based on maternal infection	\$446,873	Q4.5	California Institute of Technology
Early ASD surveillance - 1	\$349,980	Q3.9	California Department of Health
Interaction between MEF2 and MECP2 in the pathogenesis of autism spectrum disorders - 1	\$262,845	Q3.Other	Burnham Institute
Interaction between MEF2 and MECP2 in the pathogenesis of autism spectrum disorders -2	\$262,845	Q3.Other	Burnham Institute

